

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

ATTORNEY DOCKET NO. \_\_\_\_\_

PLEASE NOTE:  
YOU MUST  
COMPLETE THE  
FOLLOWING:

Insert Title

Check Box If  
Appropriate  
For Use Without  
Specification  
Attached

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the invention entitled: \* LASER PROCESSING METHOD, METHOD FOR FORMING A FLASH MEMORY, INSULATED GATE SEMICONDUCTOR DEVICE AND METHOD FOR FORMING THE SAME, the specification of which is attached hereto unless the following box is checked:

The specification was filed on \_\_\_\_\_  
and was assigned Serial No. \_\_\_\_\_  
(if known)  
and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof, or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows:

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and checked at right:

Prior Foreign Application(s)

Priority Claimed

Insert Priority  
Information  
(if appropriate)

4-316138 (Number)	JAPAN (Country)	October 30, 1992 (Month/Day/Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Month/Day/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Month/Day/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Month/Day/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Month/Day/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More Than 12 Months Prior To The Filing Date of This Application:

Country	Application No.	Date of Filing (Month/Day/Year)
_____	_____	_____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status—patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status—patented, pending, abandoned)

\*NOTE: Must be completed.

I hereby appoint the following attorneys to prosecute this application and/or an international application and to transact all business in the Patent and Trademark Office connected therewith:

Daniel W. Sixbey (Reg. No. 20,932)  
Stuart J. Friedman (Reg. No. 24,312)  
Charles M. Leedom, Jr. (Reg. No. 26,477)

Gerald J. Ferguson, Jr. (Reg. No. 23,016)  
David S. Safran (Reg. No. 27,997)  
Thomas W. Cole (Reg. No. 28,290)

Send Correspondence to:

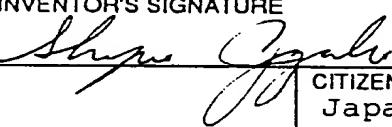
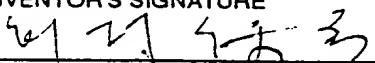
PLEASE NOTE:  
YOU MUST  
COMPLETE THE  
FOLLOWING

SIXBEY, FRIEDMAN, LEEDOM & FERGUSON, P.C.  
2010 Corporate Ridge, Suite 600  
McLean, Virginia 22102  
Telephone: (703) 790-9110

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Insert Name of Non-U.S. firm, attorney or agent

The undersigned hereby authorize any U. S. attorney or agent named herein to accept and follow instructions from \_\_\_\_\_ as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U. S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys or agents named herein will be so notified by the undersigned.

1-00	Insert Full Name of First or Sole Inventor and Date This Document is Signed	FULL NAME OF SOLE OR FIRST INVENTOR <u>Shunpei YAMAZAKI</u>	INVENTOR'S SIGNATURE 	DATE 10/25/1993
2-00	Insert Residence and Insert Citizenship	RESIDENCE (City, State & Country) <u>Tokyo, Japan</u>	JPX	CITIZENSHIP Japanese
2-00	see above	POST OFFICE ADDRESS (Complete Street Address including City, State & Country) <u>21-21, Kitakarasuyama, 7-chome, Setagaya-ku, Tokyo 157 Japan</u>		
3-00	see above	FULL NAME OF SECOND JOINT INVENTOR, IF ANY <u>Yasuhiko TAKEMURA</u>	INVENTOR'S SIGNATURE 	DATE 10/25/1993
3-00	see above	RESIDENCE (City, State & Country) <u>Kanagawa, Japan</u>	JPX	CITIZENSHIP Japanese
3-00	see above	POST OFFICE ADDRESS (Complete Street Address including City, State & Country) <u>Flat Atsugi 208, 931-1, Hase, Atsugi-shi, Kanagawa-ken 243 Japan</u>		
4-00	see above	FULL NAME OF THIRD JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
4-00	see above	RESIDENCE (City, State & Country)	CITIZENSHIP	
4-00	see above	POST OFFICE ADDRESS (Complete Street Address including City, State & Country)		
4-00	see above	FULL NAME OF FOURTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
4-00	see above	RESIDENCE (City, State & Country)	CITIZENSHIP	
4-00	see above	POST OFFICE ADDRESS (Complete Street Address including City, State & Country)		

- 1 -

**SUPPLEMENTAL  
DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

ATTORNEY DOCKET NO. 0756-1139

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the invention entitled: \_\_\_\_\_

LASER PROCESSING METHOD, METHOD FOR FORMING A FLASH MEMORY,

INSULATED GATE SEMICONDUCTOR DEVICE AND METHOD FOR FORMING THE SAME,  
the specification of which is attached hereto unless the following box is checked:

The specification was filed on December 14, 1994  
and was assigned Serial No. 08/355,652  
(if known)  
and was amended on 12/14/94; 02/09/96  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof, or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows:

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and checked at right:

Prior Foreign Application(s) (Number)			Priority Claimed Yes      No	
	(Country)	(Month/Day/Year Filed)		
4-316138	Japan	October 30, 1992	X	

All foreign applications, if any, for any Patent or Inventor's Certificate filed more than 12 months prior to the filing date of this application:

Country	Application No.	Date of Filing (Month/Day/Year)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status: patented, pending, abandoned

I hereby appoint the following attorneys to prosecute this application and/or any international application and to transact all business in the Patent and Trademark Office connected therewith:

Daniel W. Sixbey, (Reg. No. 20,932)  
Charles M. Leedom, Jr. (Reg. No. 26,477)  
David S. Safran (Reg. No. 27,997)  
Joan K. Lawrence (Reg. No. 29,940)  
Jeffrey L. Costellia (Reg. No. 35,483)  
Tim L. Brackett (Reg. No. 36,092)  
Karlton C. Butts (Reg. No. 39,126)

Stuart J. Friedman (Reg. No. 24,312)  
Gerald J. Ferguson, Jr. (Reg. No. 23,016)  
Thomas W. Cole (Reg. No. 28,290)  
Donald R. Studebaker (Reg. No. 32,815)  
Evan R. Smith (Reg. No. 35,683)  
Eric J. Robinson (Reg. No. 38,285)  
Bradley D. Blanch (Reg. No. 38,387)

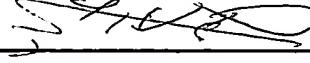
Send Correspondence to:

Gerald J. Ferguson, Jr.  
SIXBEY, FRIEDMAN, LEEDOM & FERGUSON, P.C.  
2010 Corporate Ridge, Suite 600  
McLean, Virginia 22102  
Telephone: (703) 790-9110

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

The undersigned hereby authorize any U.S. attorney or agent named herein to accept and follow instructions from Semiconductor Energy Laboratory Co., Ltd. as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys or agents named herein will be so notified by the undersigned.

FULL NAME OF SOLE OR FIRST INVENTOR Shunpei YAMAZAKI	INVENTOR'S SIGNATURE 	DATE June 24, 1996
RESIDENCE (City, State & Country) Tokyo, Japan		CITIZENSHIP Japanese
POST OFFICE ADDRESS (Complete Address including City, State & Country) 4-10-20, Seijo, Setagaya-ku, Tokyo 157 Japan		

FULL NAME OF SECOND JOINT INVENTOR (if any) Yasuhiko TAKEMURA	INVENTOR'S SIGNATURE 	DATE June 24, 1996
RESIDENCE (City, State & Country) Kanagawa, Japan		CITIZENSHIP Japanese
POST OFFICE ADDRESS (Complete Address including City, State & Country) San White Harashima 202, 934-3, Aiko, Atsugi-shi, Kanagawa-ken 243 Japan		
FULL NAME OF THIRD JOINT INVENTOR (if any)	INVENTOR'S SIGNATURE	DATE
RESIDENCE (City, State & Country)		CITIZENSHIP
POST OFFICE ADDRESS (Complete Address including City, State & Country)		
FULL NAME OF FOURTH JOINT INVENTOR (if any)	INVENTOR'S SIGNATURE	DATE
RESIDENCE (City, State & Country)		CITIZENSHIP
POST OFFICE ADDRESS (Complete Address including City, State & Country)		
FULL NAME OF FIFTH JOINT INVENTOR (if any)	INVENTOR'S SIGNATURE	DATE
RESIDENCE (City, State & Country)		CITIZENSHIP
POST OFFICE ADDRESS (Complete Address including City, State & Country)		
FULL NAME OF SIXTH JOINT INVENTOR (if any)	INVENTOR'S SIGNATURE	DATE
RESIDENCE (City, State & Country)		CITIZENSHIP
POST OFFICE ADDRESS (Complete Address including City, State & Country)		
FULL NAME OF SEVENTH JOINT INVENTOR (if any)	INVENTOR'S SIGNATURE	DATE
RESIDENCE (City, State & Country)		CITIZENSHIP
POST OFFICE ADDRESS (Complete Address including City, State & Country)		